

**APPARATUS AND METHOD FOR
CUTTING ELECTRODE FOIL LAYERS**

Abstract of the Disclosure

A punch and die apparatus and a method and apparatus for punching a capacitor electrode layer. A method includes placing a capacitor material sheet between a punch and a die, the punch guided by a punch guide, there being no stripper plate between the
5 punch guide and the die, and actuating the punch to punch an electrode layer out of the sheet. An apparatus includes a die having a die hole, a punch guide, and a punch located within the punch guide. The punch guide and the die have a fixed distance therebetween such that there is no compression on a work piece placed between the die and the punch before the punch contacts the workpiece.

"Express Mail" mailing label number: EV 299685304US

Date of Deposit: December 9, 2003

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.